THE RaRa RAG

Newsletter of The Rochester Amateur Radio Association, Inc.

Founded in 1931

November, 2024

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Inside This Issue

Monthly Program	1
Boardz Buzz	2
Calendar of Events	2
2024 RaRa Auction Information	3
Membership News	4
RaRa Merchandise At Auction	4
Education	5
Elmers' Corner	5
Morse Code Training	6
Elmers	6, 7
October Meeting Review	8
Public Service Report	9
Monroe County ARES Participates in SET	10
Calendar	11
VE Team	12
News From Area Clubs	13
Amateur's Code	15
Rags of the Past	16
RaRa Officers	19
Area Club Contacts	20
Auction Item Description Form	21

November Meeting: The RaRa Annual Auction

Tim Barrett, K9VB, RaRa Vice President

The RaRa Annual Auction is coming Wednesday, November 6th so it is really time to dust off the equipment you no longer love or to get ready to find a new treasure! The entire November meeting will be dedicated to the Auction; in fact, we'll be opening the doors early at 6:15PM to let sellers bring in the treasures they're hoping to go home without. At 6:30, members not selling can begin perusing the items to see them up close before they hit the auction block starting at 7:00. **If you are not selling any items, please don't arrive before 6:30**, sellers need time and space to get things ready.

Our auctioneers will be Ed Gable, K2MP, Scott Theis, W2LW and Chris Reich, WB2DYJ who are sure to provide us with an entertaining evening. Ed has let us know that this will be his last time as RaRa's auctioneer so make sure you are there to see the expert at work! We are also looking for pickers and runners who can help to make the auction run smoothly. If you would like to give it a try, please email me at: vicepresident@rochesterham.org.

The auction is a members-only event, so please renew your membership online if you haven't already. Our membership secretary, (me!) will be at the entrance checking membership and helping members renew if they were unable to do so in advance.

You will see more information about the auction and how it works further on in the Rag.

A good suggestion that Ed Gable always reminds us of, if the item you hope to sell is battery operated then put a battery in it so people can see it works! (This may be a good time to replace the batteries in your smoke detectors and recycle the old ones into the items you are selling).

Please join in the fun! Even if you have nothing to sell! This is a great event and a nice way to spend an evening. Wednesday November 6th — doors open at 6:15PM for sellers, 6:30 to review, 7:00 start. We will be trying to wrap up by 10:00pm. Meeting at the BSA, 2320 Brighton –Henrietta Townline Road, Brighton, NY 14623. Dual online/in-person meetings will return in December and we already have an interesting talk lined up. As is usual for our auction night, there will be no coffee & donuts service this month, and please remember that only water can be brought into the auction room.

Please join us on November 6th 2024, 7:00PM at the Boy Scouts Headquarters at 2320 Brighton Henrietta Townline Road, Rochester, New York 14623 and again, there will not be online access for this meeting.

RARA

YouTube

Boardz Buzz

Steve Blowers, K2PXT, Director

Since I recently retired, I have decided to try to give more time to my various personal interests with one significant interest being ham radio. And, one area in which I felt I could help to contribute was to participate more actively in the Rochester Amateur Radio Association. So, I decided to run for office as a director in addition to signing up to be the Academy Coordinator.

I first got into the hobby back in the early 80's with a novice license. From there I earned my technician. Then life got in the way for quite a while and I was absent from ham radio until a few years ago. Working with a couple of Elmers, I got some equipment and got set up on VHF/UHF and HF. I earned my general and shortly after that my extra.

I had achieved the pinnacle of the hobby and had equipment to talk to the world but felt something was missing. First, I felt like an outsider. I could call on a radio and make contacts but did not feel that this was enough to really feel like part of this community. So, I decided to attend more monthly meetings and then to see if I could become a director. This would help me to do the meet-and-greet with more members while putting faces to names and call signs.

Being a director helps me to understand the inside workings of the association. It also helps give me a voice, as a newcomer, allowing me to share ideas for new or different ways to look at things. I also get an opportunity to challenge how and why things are done the way they are and to better understand those areas we might be able to look to change as well as those areas that may be better left to run as they are running today.

I would encourage everyone to consider more active participation in the association. Our membership numbers are in the hundreds but there are not hundreds participating on a regular basis. I look at all that is currently being accomplished through the association and wonder what we could accomplish if more of our membership could find ways to more actively participate in the various activities.

In addition to becoming a director, I volunteered to be the Academy Coordinator. The process for becoming a ham radio operator is counter to how I learned. Throughout my education, I was taught the material, had the material re-emphasized through discussion and homework and then had my understanding of that material tested throughout the year culminating in a final exam to see if I did, if fact, learn what I should have learned.

With ham radio, we memorize a pre-determined set of questions and correct responses. Then, we call on that short-term memory to provide the right answer during testing. I don't know about anyone else, but I am pretty good with testing based on short term memorization. However, two weeks after testing, I don't remember much that I had to learn to pass the tests. We get the license and then start to work on filling in the gaps in our understanding of the many parts to our hobby by trying to figure out what we should or could know.

It appears that many members with whom I have had the opportunity to chat have pretty significant experience in electronics and/or computers which gives them a good foundation on which to pick up ham radio knowledge. However, for myself and maybe others, our background was in other areas, and the language and ideas within this hobby can be like listening to Greek or Latin.

I volunteered to coordinate Academy sessions because I felt it might help me to identify the biggest gaps in my understanding of ham radio and maybe help to fill in some of those gaps by participating in the sessions that I help to set up. I have already been able to learn some new things and hope to continue to do so as I move forward within RaRa .

I would encourage all members to take advantage of the learning opportunities within RaRa helping them to identify and fill in their own gaps. There is nothing like participation to kickstart those efforts.

Thanks, so much, for allowing me to become more active in RaRa and for all of the help and support I am receiving from the membership.

Steve

Calendar of Events

Wednesday Nov 6, 2024 - RaRa Meeting In Person Only
RaRa Annual Auction-see meeting announcement on page 1, for arrival times.

Thursday Nov 7, 2024 - RaRa Board of Directors Meeting
6:30 PM - Online
Email request for link to **secretary@rochesterham.org**

2024 Auction Information

Brian O'Connor, KA2CGB, Treasurer

The Annual RaRa Auction will start at 7:00PM on Wednesday, November 6th. Schedule of events:

5:45PM – Volunteers set-up room for the auction.
6:15PM – Doors open for Members to stage items for sale.
6:30PM – Buyers are invited to inspect the auction items.
7:00PM – Brief presentation prior to start of auction.

Note: RaRa will NOT be offering refreshments at this meeting. Only bottled water is permitted in the meeting room.

Sellers
Bring a *Radio, Antenna, Tuner, Tool, Test Instrument or Accessory* that another ham can put to good use. Take the time to wipe it down and test it. *Leave the junk box at home.* Only ham radio related items, please.

Because space is limited, please limit yourself to *2 or 3 items for sale*.

Please complete the *Auction Item Description* form in advance. Print it from this *Rag* or download the PDF form from **https://www.rochesterham.org**.
Note that once an item is placed for inspection it cannot be removed from the auction for a private same-day sale.

The Seller's Premium (commission) is 10% of sale amount, rounded to the nearest dollar; minimum commission per item is $1.

Carry In, Carry Out: *If your item doesn't sell then you must take it home.*

Buyers
Each item auctioned is a private sale between the individual parties. RaRa equipment is sold on an "as-is, where-is" basis.
Cash sales only. All sales are final. The cashier will settle all transactions in whole dollars.

Members Only
Everyone needs to check in at the Membership desk. To avoid delays on auction night, just Sign Up or Renew your membership on-line at:
https://www.rochesterham.org/membership_join.htm

At check-in, each Member will be given some *Item Interest Tokens* (stickers). If you are interested in a particular item, then attach one (or more) of your tokens to the *Item Description Form* before the auction begins. Those items with more tokens may be brought up for auction sooner than later.

Hazmat
Some Ham stuff can be hazardous. We need to protect the facility as well as everyone handling the items. So, don't bring anything that is leaking or will leave a stain.

Any item containing potentially hazardous materials such as mercury (older rectifier tubes), PCBs (older capacitors), beryllium (high power tubes) or lead (solder, lead-acid batteries) must not contaminate the facility. Potential hazmat items must be packaged in a clear zip-lock bag or in a plastic bucket, tote or similar container.

Do not bring anything with mold on external or internal surfaces. Mold is a fungus. Mold creates long-lasting spores that can be dangerous when inhaled or ingested. If it smells musty, leave it home.

Finally…
Come and have fun!
73

RaRa Membership News

Tim Barrett, K9VB, RaRa Vice President and Membership Secretary

I had been hoping we would make it to 500 members by the end of our membership year on September 30th and we did it with three to spare. 503 members is a healthy number to finish on and I will report that to the ARRL shortly since we are an ARRL affiliated club. That puts us in the top 5 affiliated clubs, which is something we can all be proud of.

You can join by clicking **here**. Please take a moment to go to the **renewal page** on our website to check that your membership hasn't lapsed and if it has, renew for next year. Thanks to all those who have renewed already!!

I'd like to give a warm welcome to our new members:

Patrick Cauchi
Denni Day, KB2TQL
Keith Green
Laron Rowe, KB2JQL

Remember to look out for new members at RaRa events and make sure to introduce yourself and welcome them to the club!

Pop Up Shop at November Auction

Men/Women/Kid T-Shirts and Hoodies
Mugs, Hats, Water bottles
Cash, Venmo, PayPal accepted.

Booth opens at 6:15PM Auction day.

Together we can save on shipping.
Those who pre-ordered can pick up your items.
New website: **https://www.cafepress.com/shopdetail/rararadio.1124941028**
Contact Yin at **kd2yiq@gmail.com**

EDUCATION

Karl Heinz Kremer, K5KHK, Education Coordinator

RARA LICENSE COURSES

Karl Heinz Kremer, K5KHK, License Class Coordinator

License Classes
We are at the halfway point for both our Technician and General license classes, the Amateur Extra class still needs a few more weeks to reach that point. It is too late to join the classes now, so if you are interested in taking one of our license classes, we are planning on offering the same classes again starting in January.

New Amateur Extra Question Pool
Since July 1st 2024, all Amateur Extra license exams are now using the new question pool, which means that you need the 13th edition of the ARRL License Manual to study for the test. Make sure you have the correct edition.

License Manuals
All current editions of the license manuals are available to our members at a discount for $25. At this discount, we unfortunately cannot deliver, and you would have to pick up the manual. If you are interested, please send an email to education@rochesterham.org

I usually have some license manuals with me at official RARA events (e.g. the monthly meetings).

RARA ACADEMY

Steve Blowers, K2PXT

We were planning on starting the sessions in October with Intro to HF. Unfortunately, we did not have enough participation to justify having this session at this time. We will reschedule this session at a later date.

We are starting RARA Academy sessions in November. The first session will be on FLDIGI the 2nd Saturday of November, 11/9, presented by Paul Conaway. It will take place at the Irondequoit Library on Titus Ave. from 10:30-12:30 in room #216. If you are interested in attending this hands-on session, you will need to bring your own laptop computer with the required software programs installed and a certain amount of configuration accomplished. People interested should contact me at academy@rochesterham.org to register and to obtain instructions. The instructions will include how to download the "fldigi" and "flmsg" programs and how to set up their computer's internal sound card for the class.

The December session will be a follow up class on FLDIGI scheduled for December 14th from 10:30-12:30. This class will also be at the Irondequoit Library on Titus Ave, Room #216.

Steve Blowers
RARA Academy Coordinator
585-520-0465
K2PXT
73!

RARA ELMERS' CORNER

Suzanne Bishopp, W2SUZ
Rich Bishopp, KD2UBJ
Elmers' Corner Coordinators

The October Elmers' Corner was well attended with 21 folks filling our zoom screen!

We had a great discussion about CW (morse code). We talked about the different methods of learning, the different sources to use to learn it, how and where to practice and what you need, equipment wise, to start your CW journey. Of course, we also had our monthly antenna Q&A session, but if you love playing radio, then you love to play with different antennas! There were other topics too, if you would like to see a recording of the session, send me an email and I will send you a link to it.

If you want to join us and talk radio, get answers all of those burning questions you have been holding onto, please join us at our next zoom session, November 2nd. The meeting starts at 10am on zoom, the link is below, however, if you would like to get on my reminder email list, send me a quick note at elmerscorner@rochesterham.org. I don't send a lot of emails, just one a month reminding you about the zoom meeting, and I always provide the link so you have it one place.

If you are a new ham, or just getting back into the hobby, we are here to help. We've even helped experienced hams with questions. ALL are welcome!

Sometimes a question may require some background information, just email those questions to us ahead of the meeting so that we can prepare - elmerscorner@rochesterham.org

ELMERS' CORNER

1st Saturday of the month
September – May

Next Zoom Meetings:

November 2nd 10AM-12PM
December 7th
January 4th

Join Zoom Meeting
https://us02web.zoom.us/j/83484674667?pwd=MG5DZXd6SFovN3lXa0NNTzM5UnBLUT09
Meeting ID: 834 8467 4667
Passcode: 786545
One tap mobile
+16465588656,,83484674667#,,,,*786545# US (New York)
+13126266799,,83484674667#,,,,*786545# US (Chicago)
Dial by your location
+1 646 558 8656 US (New York)
+1 312 626 6799 US (Chicago)
+1 301 715 8592 US (Washington DC)
+1 253 215 8782 US (Tacoma)
+1 346 248 7799 US (Houston)
+1 669 900 9128 US (San Jose)

MORSE CODE TRAINING

Dave Wilson, WA2HOY, RXCWG Coordinator

The RXCW Group assists Hams wanting to learn Morse Code or to develop their CW skills.

BEGINNERS MORSE CODE ZOOM CLASSES
Peter Fournia, W2SKY, hosts Morse Code classes on Thursday evenings 7pm. No experience required. Join the group at any session. Register at: pfournia@gmail.com

MORSE PRACTICE FOR ALL LEVELS ON ZOOM AND ON THE AIR
Tim Brown, WB2PAY, hosts Zoom code practice for all levels on Thursday evenings at 7:30pm. For On Air schedules contact Tim at tjbrown@rochester.rr.com

RXCWG INTERMEDIATE CW PRACTICE- 7:30pm Thursdays
Join Zoom Meeting
https://us04web.zoom.us/j/79966212852?pwd=M0M1MlBmVTJkWVl0RjRLYXljc3pOUT09

W1AW On The Air CW Practice

Time	Mon	Tue	Wed	Thu	Fri
9 AM		Fast	Slow	Fast	Slow
4 PM	Fast	Slow	Fast	Slow	Fast
7 PM	Slow	Fast	Slow	Fast	Slow
10 PM	Fast	Slow	Fast	Slow	Fast

Meeting ID: 799 6621 2852

SLOW - 5, 7 1/2, 10, 13 and 15 wpm

FAST - 35, 30, 25, 20, 15, 13 and 10 wpm

FREQ(MHz) - 1.8025, 3.5815, 7.0475, 14.0475, 18.0975, 21.0675, 28.0675, 50.350, 147.555

RADIO ELMERS

Name	Call	Area	Email
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Dave Carlson	N2OA	Batavia	kdcarlso@gmail.com
Lawrence Hill	N2AJX	Henrietta	lawrence.hill@rit.edu
Rich Hoffarth	K2AXP		rhoffarth2000@yahoo.com
Bill Kasperkoski	WB2SXY	Pittsford	wb2sxy@gmail.com
Don Kiser	AC2EV	N Greece	dkiser100@gmail.com
Karl Heinz Kremer	K5KHK	Chili	k5khk@khk.net
Tim Magee	WB2KAO	Greece	585-704-5747
Mike Moore	KC2NM		mikemoore@ieee.org
Peter Schuch	WB2UAQ	Perinton	pschuch@rochester.rr.com
Forest Shick	WA2MZG	Webster	fshick3@gmail.com
Dave Timmons	W2DST	N Greece	dstimmons@gmail.com
Steve Verzulli	KA1CNF		verzulli@yahoo.com
Dan Waterstraat	W2DEW	Henrietta	higreen@rochester.rr.com

CW Elmers

Name	Call	Area	Email
Ned Asam	W2NED	Pittsford	w2ned@frontiernet.net
Tim Brown	WB2PAY	Ogden	tjbrown@rochester.rr.com
Pete Fournia	W2SKY	Penfield	pfournia@gmail.com
Bill Hopkins	AA2YV	Brighton	whopkin4@naz.edu
Bob Karz	K2OID	Webster	rkarz@rochester.rr.com
Joe Rowe	AG2Y	Webster	ag2y@rochester.rr.com
Harry Williams	KF2TV	Kingsland, GA	harryw7872@gmail.com

October Meeting Review: Introduction to APRS

Tim Barrett, K9VB, RaRa Vice President

In the first part of the meeting, it was a pleasure to see Don Kiser AC2EV presented with the RaRa Club Service Award for his continued efforts managing the RaRa VE team who provide free testing for would be radio hams in our area. Don has kept this process going through covid and other challenges and we certainly owe him our gratitude. Well deserved, Don!

During the break there were our usual activities as well as coffee and donuts. There were several good prizes in our raffle and the 'Free to a good home' table has some great items, one lucky person when home with an oscilloscope! Relatively new was our merchandise table managed by Yin He, items of apparel, RaRa stickers and mugs were all on sale.

Our speaker for the monthly presentation was also Don AC2EV who spoke on the topic of APRS. That is not a new technology, having been around since the 80s but there is still a lot of interest, especially among newer hams who want to try it out, particularly for tracking of their vehicle. If you are wondering how much APRS activity there is in our area then just check on aprs.fi where you will probably see several callsigns that you recognize.

Public Service Report

Mike Moore, KC2NM, Public Service Coordinator

RaRa Makes a Difference: Supporting Charitable Rides in 2024

The Rochester Amateur Radio Association (RaRa) is proud to contribute to our community by providing communication support for charitable cycling events. This year, our members played a vital role in the success of three fundraising rides:

- **Tour de Cure:** Benefiting the American Diabetes Association (ADA), this event raised an impressive $422,002 for diabetes research, prevention, and management. 29 Amateur Radio volunteers from RaRa, SIARC, RIT, and Drumlins provided 256 hours of service, ensuring smooth communication between riders, the road team, and event organizers. There were 485 registered riders and 60 additional volunteers.

- **MS ROC the Ride:** This ride raised $91,878 for the National Multiple Sclerosis Society. With 12 volunteers from RaRa, RIT, and Orleans County ARC (OCARC), we provided 96 hours of critical communication support for the 127 registered riders.

- **Wilmot Warrior Ride:** This event raised $486,591 in pledged donations for the Wilmot Cancer Institute at URMC, supporting cancer research and patient survivorship programs. 19 RaRa Amateur Radio volunteers and colleagues from SIARC, RIT, and Drumlins dedicated 180 hours to ensure clear communication throughout the ride. There were 255 riders and 75 other volunteers

Looking Ahead:

We're excited to continue our support for these worthy causes in 2025. Here are some key dates:

- **Tour de Cure:** June 7, 2025 at Stokoe Farms in Scottsville, with a fundraising goal of $500,000.

- **MS Great Lakes Adventure:** August 9, 2025 at Lakeside State Park in Waterport, NY.

- **Wilmot Warrior Ride:** Sunday, September 21, 2025, at Xerox in Webster, NY.

Calling All RaRa Members!

Interested in volunteering your communication skills for a good cause? Stay tuned for updates on how to participate in future events.

Learn More:

For more information on RaRa's public service initiatives and upcoming events, visit our website: **https://rochesterham.org/public_service.htm**

2024-2025 RARA November List of Public Service Events

Event	Location	Day	Date
Maker Faire	Gordon Field House RIT	Saturday	Nov. 16, 2024
Tour de Cure	Stokoe Farms	Saturday	Jun. 7, 2025
MS Roc the Ride Great Lakes	Lakeside State Park	Saturday	Aug. 9, 2025
ILLW	Charlotte Genesee Lighthouse	Saturday / Sunday	Aug. 16, 17, 2025
Fairport Lift Bridge Regatta (Tentative)	Canal, Fairport	Saturday	Sept. 20, 2025
Wilmot Warrior Weekend (Tentative)	Xerox Campus Webster	Sunday	Sept. 21, 2025
Pumpkin Patrol	Overpasses of the New York State Thruway	Thursday / Friday	Oct. 30, 31, 2025

Monroe County ARES Participates in SET
2024 ARRL Simulated Emergency Test

Jon DiVincenzo AD2DB, Mark Pedersen KC2UES, Jon Dickason N2JAC

On Saturday October 5, members of the Monroe County Amateur Radio Emergency Services (ARES) as well as non-affiliated amateur radio operators participated in the American Radio Relay League's (ARRL) annual Simulated Emergency Test (SET). Sixteen operators spread around Monroe County, Onondaga County, and in southern New Jersey, practiced emergency communications on repeaters, by VHF simplex, and by HF, on voice, APRS, and with Winlink email via Telnet, VARA FM, and VARA HF.

At the request of the ARES Monroe County Emergency Coordinator, Jon Dickason (N2JAC), Joe DiVincenzo (AD2DB) with assistance from Mark Pedersen (KC2UES), organized Monroe County ARES' participation in this year's SET. Despite having only two-week's notice, Strong Memorial Hospital was able to participate with Seth Irwin (KD2QZG), Mike Bowen (KC2BTW), and Erin Platteter (AA2FO) operating from the Strong Emergency Radio Room. Tony Correa (KD2PTJ) operated from the American Red Cross Rochester Chapter lot on John Street with Ross Mazzola (KC2LOC) simulating a Red Cross Shelter near Monroe Community College.

We were able to operate from the Monroe County Emergency Operations Center (EOC) RACES radio room with access supported by Monroe County Public Safety Communications staff. Handling the link between VHF voice and Winlink to HF voice and Winlink was Peter Fournia (W2SKY), backed up by Sam Hartley (KD2TVB).

For the entire exercise, which ran from 0800 until 1300 local time, Jay Termotto (WA2SPT) ably handled Net Control with Iain Marcuson (KC2NLD) logging calls as our Net Control Scribe.

"This exercise gave us the opportunity to determine what equipment was working at the EOC and at Strong, as well as some experience in setting up Winlink connections for those and other locations," Joe DiVincenzo said. The scenario started with everyone at his or her home, followed by a notice to mobilize sent through the ARES repeater (146.61 mHz). Once mobilized, Jay conducted a roll call to confirm that everyone was in place and determined who had digital capability as well as voice. As the scenario progressed, the County gradually lost services: Internet, cell, the VHF repeater (transitioning the Net to simplex operation), then power. Stations operated on generators or batteries for most of the SET.

ARES President George Adams (K4GWA) was stationed in southern New Jersey with the IT Disaster Resource Center and ARES member Paul Conway (KD2DO) was at the Syracuse Air Force MARS station. Rochester Regional Health emergency preparedness officials participated by Winlink email with St. Lawrence county hospitals. Messages were exchanged with the New York State Emergency Management Operations Center in Albany County, Northern New York ARES, and Soldiers & Sailors Hospital via Yates County ARES.

A 'Hot Wash' (a.k.a. Lessons Learned) session was conducted with participants on October 7, 2024, to document what went well, what didn't go as well, and what we can do to improve for the next exercise. Many participants commented that this was both a challenging and fun exercise with many objectives achieved and improvement opportunities identified.

If anyone would like to join us for future exercises, please send an email to **president@monroecountyemcomm.org**

Image from "Jerry's Journal: Amateur Radio Emergency Operations"

RaRa Calendar

Tim Barrett, K9VB, Membership Secretary

November 2024

Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1 K1USN Speed Test	**2** **ARRL Sweepstakes, CW** IPARC Contest, CW EANET Sprint High Speed Club CW Contest
3 **ARRL Sweepstakes, CW** K1USN Slow Speed Test	**4** **AWA Net 145.110 MHz, 7pm** **VHF Group 9pm 144.260 SSB** ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest ARS Spartan Sprint RSGB 80m Autumn Series, Data	**5** **JS8 Group 14.078 MHz, 9pm** Phone Weekly Test QRP Fox Hunt	**6** **RaRa Annual Auction BSA 7p** **ROC City Net ~3.830 MHz, 7p** A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 UKEICC 80m Contest Walk for the Bacon QRP	**7** **ARA BoD Mtg 6:30pm** **ARES Net 146.610 MHz, 7pm** **VHF Group 9pm 50.205 USB** NRAU 10m Activity Contest NCCC FT4 Sprint SKCC Sprint (Europe) Weekly RTTY Test Walk for the Bacon QRP QRP Foxhunt	**8** K1USN Speed Test	**9** WAE DX Contest, RTTY PODXS 070 Club Triple Play 10-10 Fall Contest, Digital **AWA Bruce Kelley 1929 Party** OK/OM DX Contest, CW J1DX Phone Contest FISTS Saturday Sprint CQ-WE Contest SKCC Weekend Sprintathon
10 WAE DX Contest, RTTY PODXS 070 Club Triple Play 10-10 Fall Contest, Digital **AWA Bruce Kelley 1929 Party** OK/OM DX Contest, CW J1DX Phone Contest CQ-WE Contest SKCC Weekend Sprintathon	**11** **AWA Net 145.110 MHz, 7pm** **VHF Group 9pm 144.260 SSB** ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest\	**12** **JS8 Group 14.078 MHz, 9pm** Phone Weekly Test QRP Fox Hunt	**13** **ROC City Net ~3.830 MHz, 7p** A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 RSGB 80m Autumn Series, SSB	**14** **ARES Net 146.610 MHz, 7pm** **VHF Group 9pm 50.205 USB** NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint QRP Foxhunt	**15** K1USN Speed Test	**16** **AWA Bruce Kelley 1929 Party** **ARRL EME Contest** **ARRL Sweepstakes, SSB** LZ DX Contest All Austria 160M Contest RSGB 1.8MHz Contest SARL Field Day Contest Ref 160m Contest South American Contest, CW
17 **AWA Bruce Kelley 1929 Party** **ARRL EME Contest** **ARRL Sweepstakes, SSB** LZ DX Contest All Austria 160M Contest RSGB 1.8MHz Contest SARL Field Day Contest Ref 160m Contest South American Contest, CW Homebrew and Oldtime Party	**18** **AWA Net 145.110 MHz, 7pm** **VHF Group 9pm 144.260 SSB** ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest\ RSGB FT4 Contest	**19** **JS8 Group 14.078 MHz, 9pm** Phone Weekly Test QRP Fox Hunt	**20** **ROC City Net ~3.830 MHz, 7p** A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 Walk for the Bacon QRP	**21** **ARES Net 146.610 MHz, 7pm** **VHF Group 9pm 50.205 USB** NCCC FT4 Sprint Weekly RTTY Test NCCC Sprint QRP Foxhunt NTC QSO Party	**22** K1USN Speed Test	**23** **CQ WW DX Contest, CW**
24 **CQ WW DX Contest, CW** K1USN Slow Speed Test	**25** **AWA Net 145.110 MHz, 7pm** **VHF Group 9pm 144.260 SSB** ICWC Medium Speed Test OK1WC Memorial WW Sideband Activity Contest QCX Challenge	**26** **JS8 Group 14.078 MHz, 9pm** Phone Weekly Test QRP Fox Hunt SKCC Sprint	**27** **ROC City Net ~3.830 MHz, 7p** A1 Club AWT CWOps Test VHF/UHF FT8 Activity Contest Mini Test 40, 80 UKEICC 80m Contest	**28** **ARES Net 146.610 MHz, 7pm** **VHF Group 9pm 50.205 USB** NCCC FT4 Sprint Weekly RTTY Test RSGB 80m Autumn Series, CW	**29** K1USN Speed Test	**30**

VE Team

Testing takes place on the 3rd Saturday September - April

Testing Location RIT

Sat Nov 16, 2024:
Max Lowenthal Hall (012) - LOW-3225 Classroom (GP)

Pre-registration is required visit:
https://hamstudy.org/sessions/14612/inperson to find the latest session.

More information is available on the RaRa website:
https://rochesterham.org/license_testing.htm

Applicants must supply their own pen, pencil, calculator

Testing begins at 10:00AM.

Also Note: The exam is free however the FCC now charges $35 for applications. This fee is NOT paid to the VE team. It is paid directly to the FCC. You will receive an email from the FCC when your application is processed. We will also have an information sheet available

Exam Results for October 2024

APP TYPE	EXISTING CALL	NAME	CLASS	NEW CALL
Modify	KC3VPC	Caleb J Schreier	Extra	KC3VPC
New		Brice Afko	Tech	
New		David C Burdick	Tech	
New		Justin F Carmona	Tech	
New		Michael J Currier	Tech	
New		James T DeRusha	Tech	
New		Caitlin E Riley	Tech	
Modify	KE2DFP	Dennis A Scafetta	General	KE2DFP
New		David G Schmerbeck	Tech	
New		Jonathon Schuler	General	
New		Steven P Thomsen	Tech	
New		Brian J Trzaskos	Tech	
New		Brian J Trzaskos	Tech	
New		Stephen Zelazny-Medina	Tech	

News from Area Clubs

Monroe County ARES / RACES News

Monroe County Amateur Radio Emergency Service (ARES)® is an amateur radio public service organization based in Monroe County, New York, and is open to all licensed amateur radio operators. Monroe County Radio Amateur Civil Emergency Service (RACES) is a program of the Monroe County Office of Emergency Management. We participate in training and emergency exercises so that we can serve other agencies during times of communication failure.

The Monroe County Amateur Radio Emergency Service, Inc. holds its meetings on the fourth Thursday of each month except in July, August, November and December. The meeting in November is on the third Thursday to avoid interfering with Thanksgiving. Anyone interested, members and non-members, are welcome to attend. The meetings are in person at 6:00 PM at the county EOC in even months and at the Red Cross in odd months. They are also available via Zoom. Please check our website for any schedule changes. Prospective members can request an invitation by email to: **secretary@monroecountyemcomm.org**.

Monroe County ARES/RACES meets on the air every Thursday of the month at 7:00 PM, on the W2ARM 146.61 MHz (-) 110.9 Hz PL and 444.45 MHz (+) 110.9 Hz PL repeaters. Our club callsign is WB2EOC. On nights when we hold our regular meeting, the net is at 5:30 PM.

Web: **www.monroecountyemcomm.org**
Facebook: Monroe County Amateur Radio Emergency Service, Inc.
Twitter @MCARESNY

Rochester DX Association, RDXA

Please check our website **www.rdxa.com** for up-to-date information regarding meeting locations and requirements, if any.

XRX Amateur Radio Club

The XRX Amateur Radio Club meets the second Thursday of the month (except July and August). 7PM at the Webster Recreation Center. Zoom meeting info, when available, is sent out to our mailing list. How to subscribe and up-to-date information is always on our website at **http://xarc.us** We have a System Fusion repeater south of the city on 145.290, and another on 444.825 west of the city that is also D-Star capable. Both are also analog capable with 110.9Hz tone. All are welcome.

Amateur Radio Association of the Southern Tier, ARAST

ARAST meets the third Thursday of every month at the Emergency Communications Center on Harris Hill in Big Flats, next to the National Soaring Museum. Our Chemung County ARES (CCARES) organization meets the first Tuesday of the month at the same location. Both organizations serve amateurs in Chemung County and the surrounding counties in New York and Pennsylvania. All are welcome to attend our meetings, which begin at 7 p.m. All monthly meetings are held both in person and on Zoom.

Don't forget to check out our repeaters when you visit the area. N3AQ 147.36(+) and the W2ZJ 146.70(-) are the principal 2-meter repeaters, both with a PL of 123.0. The latter can also be accessed via Echolink node 574415 with the call sign KD2QND-R. A full list of repeaters in the Twin Tiers area can be found at **http://www.arast.info/arast_website/public/repeaters.php**.

We also invite you to check out our 6-meter net on Wednesday evenings at 9 p.m. local time on 50.200 MHz USB. We welcome participation from RaRa members.

Community Amateur Radio Club, CARC

If you are interested in being a part of this forward thinking and active club, visit us at a meeting or join us on one of our weekly nets. We meet at the Hoag Library (134 S. Main St. Albion, NY) on the first Saturday of each month at 7PM. Each meeting has a brief training/refresher period with upcoming topics including: net protocol, repeater set-up/maintenance, and digital signaling. The club holds a net every Sunday evening at 8pm (winter) and 9PM (summer) - 0100 UTC Monday - on 147.585 simplex, and we host the Thursday Night Social Net, Thursday at 8:30PM on 147.285+. We'd love to hear you check-in!

Drumlins Amateur Radio Club

The Drumlins Amateur Radio Club meets every third Wednesday of the month at 7:30 PM at the Wayne County EMO/Sheriff's Office 7376 State Hwy 31 #1000, Lyons, NY 14489. Doors open at 7 pm, meeting starts at 7:30 pm. Announcements will be made on the 146.685 repeater. The Drumlins ARC website address is **http://drumlinsarc.us/**

Digital Communications Association of Perinton, DCAP

DCAP members continue to experiment with leading edge digital communication modes. We were formed in 1994 to foster the development of local and regional packet radio networks using AX25 and TCP/IP. Today we have members using the club sponsored DSTAR repeater (KB2VZS on 444.8MHz), several personal and publicly accessible DSTAR hotspots, Yaesu System Fusion systems on non club repeaters and DMR systems through repeaters and personal hotspots. DCAP members meet for breakfast at 7AM nearly every Saturday morning at Rikki's Family Restaurant in the village of Fairport and everyone is welcome to join us. Talk in is on the KB2VZS analog repeater on 146.715MHz with a PL tone of 110.9Hz.

Keuka Lake Amateur Radio Association, KLARA

Our meetings are always the 2nd Wednesday. Dish to pass meal at 6pm with meeting at 7pm. All are welcome.

Don't forget our daily Monday thru Friday 75 meter HF net. Check in at 7:45am starts 8:00 am on 3.896. Always a great way to start your day.

73, Belinda KD2BPJ

Orleans County Amateur Radio Club

The Orleans County ARC meets every 2nd Monday of the month at the Orleans County Emergency Operations Center, 14064 West County House Road, Albion, NY 14411. Doors open at 6:00PM, meeting starts at 7:30PM. Anyone with an interest in amateur radio is welcome. Program topics vary from month to month.

The club has an open two-meter net every Tuesday night at 9:00PM local time on the club repeater, WA2DQL/R (145.27 -600KHz offset, 141.3 tone). Everyone is welcome to check in.

See the club website **http://ocarc.us** or contact club Secretary Ron Craig, N5BNO for more information.

Rochester VHF Group

You are invited to join us on-line & on-the-air! We're here to help you to use the license that you worked so hard to get.

Check out what we do by visiting our website at http://RVHFG.org to start.

Join our e-mail group by sending a message to RVHFG+subscribe@groups.io.

Join our weekly on-the-air nets on SSB:
2 meter band - Monday 9 PM 144.260 USB
6 meter band - Thursday 9 PM 50.205 USB

No VHF SSB radio (yet) to join the nets?
Log-in to Echolink ka2ene-L #23426

We can help to answer the question, "What radio should I buy?" Here's a list of HF+++ radios, those with the HF bands and at least three VHF bands, giving you access to all sorts of VHF fun. Research each one to see which serves you best. Ask questions on our email list. We're here to help!

Yaesu FT-100D	Yaesu FT-817	Yaesu FT-818
Yaesu FT-847	Yaesu FT-857	Yaesu FT-897
Icom IC-706MKIIG	Icom IC-7000	Icom IC-7100
Icom IC-9100	Kenwood TS-2000	

Some are older models and some are newer models, but all provide access to the 6 meter, 2 meter, and 70 centimeter bands using both traditional FM and the exciting narrow-band SSB mode that supports unexpectedly long-distance (100's of km's routinely and 1,000's of km occasionally) VHF communication. These are good all-around radios no matter what club you end up affiliating with later. We hope its us.

Skenoh Island Amateur Radio Club, SIARC

The Skenoh Island Amateur Radio Club and meets every second Wednesday of the month at 7:30PM at the Ontario County Safety Training Facility, 2914 County Road 48, Town of Hopewell. We have License Exam Testing every other month which begins at 6:30PM. The next meeting will be on Wednesday, November 13th. There will be VE testing in September.

SIARC is also holding a Health and Welfare NET Monday through Friday each week at 2000 hours on the SIARC 146.820 repeater (located in Canandaigua. NY), Tone 110.9. This net is to pass along general information and keep hams in touch. All hams are invited to participate.

73's
Steve Benton
WB2VMR
Ontario County RACES
Radio Officer
ARES Emergency Coordinator

Rochester Radio Repeater Association

The current club officers are Bob Odell, N2BZX - President, Bob Shewell, N2HJD - Vice President, Jay Stewart, W4JPS - Secretary, and Jerry Powell, KC2YSY - Treasurer / Membership Chairman. RRRA also accepts donations to the club. If you are not currently a member and want to support RRRA, you can join at our monthly meeting or on our web site using PayPal. www.k2rra.org

The Amateur's Code

Originally written by Paul M. Segal, W9EEA (1928)

The Radio Amateur is:

Considerate	Never knowingly operating in such a way as to lessen the pleasure of others.
Loyal	Offering loyalty, encouragement and support to other amateurs, local club, and the American Radio Relay League, through which Amateur Radio in the United States is represented nationally and internationally.
Progressive	With knowledge abreast of science, a well built and efficient station and operation beyond reproach.
Friendly	With slow and patient operation when requested, friendly advice and counsel to the beginner, kindly assistance, co-operation and consideration for the interests of others. These are the hallmarks of the amateur spirit.
Balanced	Radio is an avocation, never interfering with duties owed to family, job, school or community.
Patriotic	With station and skill always ready for service to country and community.

Rags of the Past

Ed Gable, K2MP, RaRa Historian

20 Years Ago – October 2004

Opening this issue of the new RaRa Rag and the 2004/05 season of activities by the Rochester Amateur Radio Association, was a lengthy article by President Brad Armstrong W1YX. In what he called "The Prez Sez" column Brad told of some of his plans for the club during his following months as your President. Such plans included enhancing member involvement in RACES, ARES and public service communications activity, assuring the continued success of funding ARRL licensing book sets to local Monroe County Libraries and an initiative to improve working together with other Amateur Radio clubs and organizations within and surrounding RaRa serviced communities.

The program for this first meeting of the year brought a true ultra-high frequency enthusiast to our club meeting where his offering was way beyond the HF boundary normally associated with the typical RaRa member, in my opinion. Not only was our presenter from a different stratosphere but he came from way out of town. OK, enough trying to cleverly promote and introduce our speaker. He was Andy Flowers, K0SM, with the elevated topic of "Lasers for Amateur Radio Communications." Andy gave a very interesting and unique program, and his modulated Laser light amazed all visitors with a great sounding and QRM-free transmissions. (my trying to be clever again – Ed).

As if attempting to win a "Largest Column Size" article, we again heard from a long time RaRa contributor, on many topics, one Mr. Peter Fournia W2SKY, this time displaying his title of RaRa's Education Committee Chairman. Peter wrote a large and very complimentary article telling of the to date seven year history of RaRa's Radio Coaches and their mastering the art of matching school classrooms environments and demonstrating ways to apply Amateur Radio activities to current curriculums. High School sessions generally have one teacher and two to three Radio Amateurs, the Coaches, per session, "where the gatherings are not lectures or talks, but a hands-on experience," Peter reported. The Coaches prepare lesson plans, generate props and other teaching aids and do a job that makes your club look very professional and serving it's community well. This article is well worth reading again and you can do so by visiting the RaRa website at **rochesterham.org**.

A Guest contributor was Dr. William (Bill) Hopkins AA2YV (then a current RaRa Board member) who wrote on one of his favorite ham radio activities, that being QRP and portable operations. This issue told of Bill's recent assembly of the Sierra Norcal All-Band QRP rig. It was not an easy kit to build but certainly was an excellent product when finished. Many others agreed to that summation, as it would appear the Norcal kit morphed into what we know today at the Elecraft K1 and K2 radios. Bill knows how to make low power stations work as in that 2004 Field Day contest Bill logged 41 states on twenty meters with a dipole 20 feet high.

It's always nice to see guest authors dropping by and in the issue we found two articles, of much difference in subject matter, by Don Dunn AB2NM. First was a feature titled "NASA's Satellite Tracking Website - or - Find Out What Your Tax Dollars are Doing" and the other "Time Compressed Scanning." The first tutorial instructed readers on how to use some of NASA's public accessible website to obtain satellite tracking information and his second writing on how to obtain and record audio programming without commercials.

The Rochester Amateur Packet Society (RAPS) entered a bit of news about their activities, unfortunately without information on who submitted the news. At that time they were still active and meeting regularly on the 2nd Thursday of each month at RIT's Bldg 76.

Another seemingly shy and unknown writer for the Rochester Radio Repeater Association (RaRa) left news that they, too, were still active and meeting monthly the 2nd Friday of each month at the Pittsford Town Hall.

With regret it was published that Don Venti KB2YCL and Dennis Norton W2DJN, were reported as Silent Keys. There were no Want Ads in this issue but an old friend of RaRa, Glenwood Sale of Hague Street in Rochester, remained a long-time commercial advertiser.

SPECIAL SERVICE CLUB

the RaRa Rag

Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

VOL. 57 | OCTOBER 2004 | NO.2

Prez Sez...

Brad Armstrong W1YX President

Get involved in emergency communications!

I know you have probably been hearing a lot about this in the amateur community lately. Did you know that there are many ways to serve in the emergency communications area? Even those with little or no operating experience can get involved. Participating in drills and public service events for practice, training with the Red Cross or Citizen Corps, getting on local traffic nets, practicing use of your equipment under blackout conditions, helping to plan and organize emergency responses, and the list goes on and on. Meetings have been going on throughout the year, but consider starting out this new season of amateur activities by getting out to the ARES meetings to find out how you can contribute. I guarantee

CONTINUED PREZ SEZ PAGE 2

RaRa
MEETING
October 1, 2004
7:30 PM
HENRIETTA FIRE HALL
3129 E. HENRIETTA RD.
Lasers for Amateur Radio Communications
Presented
By
Andy Flowers KOSM

Radio Coach Status – Schools Needed

Peter Fournia, W2SKY
RaRa Education Committee Chairman

The RaRa Radio Coach program is a highly successful hands-on resource for classrooms. During our 7 year history we have acquired over a dozen coaches who have interacted with students in educational demonstrations, conducted field trips, build projects and even talked to astronauts in space. We have been in at least 6 different area schools and addressed classes from 5th grade to 12th grade. Hundreds of students have been affected.

We focus on educational topics that are consistent with the classroom teacher's lesson plans. We use stimulating hands-on exercises and demonstrations that often make reference to communications technology. Coaches draw on their professional career experiences and on the topics mastered when acquiring an amateur radio license. The coaches have built up considerable experience and have acquired an array of demonstrations, props and lesson plans.

Our programs are highly varied. They have ranged from a simple 15 minute presentation to a 10 week 20 hour program. They are customized to match the teachers' needs.

Most of our experience is with the 6th grade classes at Thomas Jefferson Middle School. That program was terminated when the school transformed to a high school. We started an after hours high school radio club in September 2003 but it has been discontinued. The building of a wireless microphone kit was very successful but too expensive for RaRa to continue. Interest in HF communications was low although some IRLP QSO's worked out.

We found that our coaches are more comfortable with middle school level classes. Enthusiasm during demonstrations and discussions

CONTINUED SCHOOLS PAGE 3

40 Years Ago – October 1984

The program featured this month was on Army MARS, the Military Affiliate Radio System. Presenters were Jason Layton K2BYL, the New York State MARS Director and Tony LaJoie WA2SJI, the WNY coordinator. Jason and Tony reported on the history of MARS, their mission and importance to the servicemen and servicewomen everywhere. As was the custom, following the meeting there were coffee and doughnuts served by RaRa's refreshment chairman George Muller WA2IEO.

The Rochester Radio Repeater Association, RaRa, announced the start of a fund drive to purchase a sophisticated repeater controller and autopatch system for the 28/88 repeater. Heading the fund drive was RaRa's technical director Ron Jakubowski K2RJ. The two-thousand-dollar investment was a large step but brought to the Rochester area a full featured repeater of unparalleled performance.

Writing for RACES was Director Ed Holdsworth (sk) N2EH, who announced the 1984 Simulated Emergency Test, aka S.E.T. The S.E.T. was planned by the Monroe County Emergency Preparedness, including Steve Gulack N2DZS, and formed the major annual RACES evaluation test and training session.

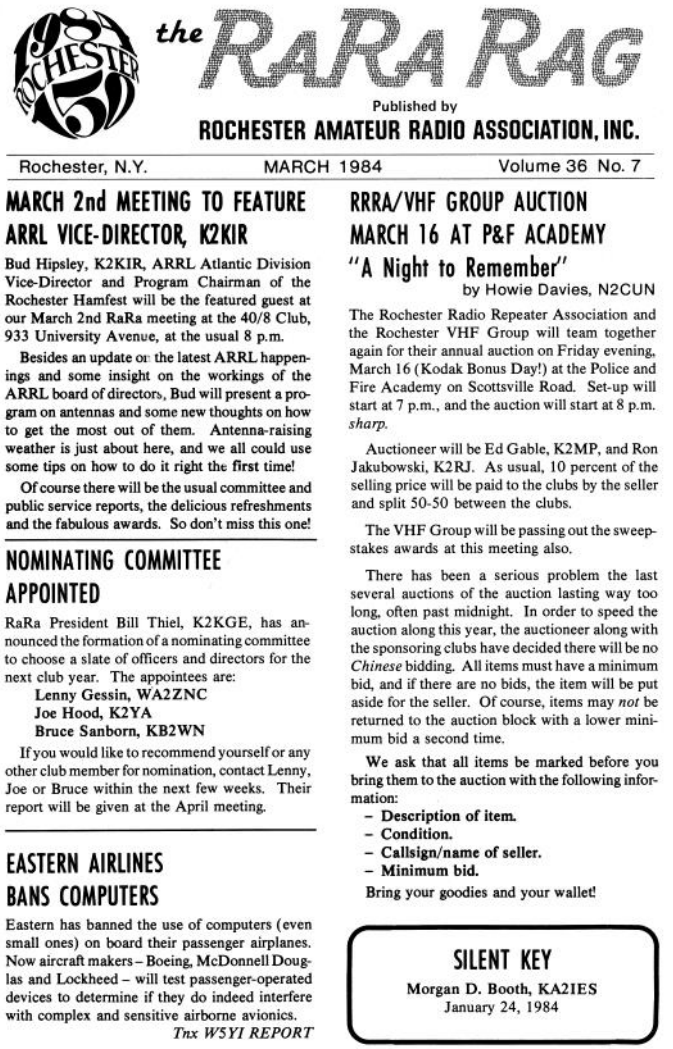
Now putting on his Director of Licensing Classes hat, Ed N2EH, again wrote to reveal details of license examining sessions for the Fall. There you learned that all exams for classes Technician through Amateur Extra would be offered as well as for 20 WPM code. At that time exams were four dollars for each class of license and RaRa used the services of the Metroplex VEC. John Schooley (sk) K2NC, was RaRa's testing coordinator.

This issue saw a resurgence of activity within the Rochester DX Association with the appointment of Fred Gern (sk) KB2SE as their newsletter Editor. Fred brought to this Rag recent DX news and talked about difficulties in logging new DX stations due to many Big Time DX'ers working new countries several times and not sharing ATNO (DX lingo for All Time New Ones) opportunities. This writer is pleased to report that the RDXA is today doing very well as an organization with many Class 3A Field Day wins and is the proud sponsor of the heavily contested New York State QSO Party which may be going on as you read this.

The ever active Rochester VHF Group was represented by Tom Richmond WB2IEY, who reported the Group recently finished installing new Beacon stations on 50.071, and 144.051 Mhz. The six-meter beacon runs three watts into a Halo at thirty feet and received W4-land reception reports on the first day of operation. The two-meter beacon is QRO at fifteen watts into two Big Wheels at 25 feet. Both are in FN12.

The FCC reported that the Canandaigua FCC Monitoring Station has been reactivated after a five year quiet period. John Taylor KC2U, the FCC District Engineer from the Buffalo office, reports the reactivated monitoring station is now free of any on-site employees and is remotely operated by a nationwide computer system.

With regret it was reported that John Pogue W2QYT, was reported a Silent Key. From the Want Ads you could buy a Nye Viking Kw Matchbox from Pat Hoke (sk) W2DN. A new commercial advertiser was Huether Communications, Inc., 428 Ames St. Rochester, where sales and service of two-way radio, audio equipment, Amateur Radio and electronic parts were a call away.



the RaRa Rag

Published by
ROCHESTER AMATEUR RADIO ASSOCIATION, INC.

Rochester, N.Y. MARCH 1984 Volume 36 No. 7

MARCH 2nd MEETING TO FEATURE ARRL VICE-DIRECTOR, K2KIR

Bud Hipsley, K2KIR, ARRL Atlantic Division Vice-Director and Program Chairman of the Rochester Hamfest will be the featured guest at our March 2nd RaRa meeting at the 40/8 Club, 933 University Avenue, at the usual 8 p.m.

Besides an update on the latest ARRL happenings and some insight on the workings of the ARRL board of directors, Bud will present a program on antennas and some new thoughts on how to get the most out of them. Antenna-raising weather is just about here, and we all could use some tips on how to do it right the first time!

Of course there will be the usual committee and public service reports, the delicious refreshments and the fabulous awards. So don't miss this one!

NOMINATING COMMITTEE APPOINTED

RaRa President Bill Thiel, K2KGE, has announced the formation of a nominating committee to choose a slate of officers and directors for the next club year. The appointees are:

Lenny Gessin, WA2ZNC
Joe Hood, K2YA
Bruce Sanborn, KB2WN

If you would like to recommend yourself or any other club member for nomination, contact Lenny, Joe or Bruce within the next few weeks. Their report will be given at the April meeting.

EASTERN AIRLINES BANS COMPUTERS

Eastern has banned the use of computers (even small ones) on board their passenger airplanes. Now aircraft makers – Boeing, McDonnell Douglas and Lockheed – will test passenger-operated devices to determine if they do indeed interfere with complex and sensitive airborne avionics.

Tnx W5YI REPORT

RRRA/VHF GROUP AUCTION MARCH 16 AT P&F ACADEMY

"A Night to Remember"

by Howie Davies, N2CUN

The Rochester Radio Repeater Association and the Rochester VHF Group will team together again for their annual auction on Friday evening, March 16 (Kodak Bonus Day!) at the Police and Fire Academy on Scottsville Road. Set-up will start at 7 p.m., and the auction will start at 8 p.m. *sharp.*

Auctioneer will be Ed Gable, K2MP, and Ron Jakubowski, K2RJ. As usual, 10 percent of the selling price will be paid to the clubs by the seller and split 50-50 between the clubs.

The VHF Group will be passing out the sweepstakes awards at this meeting also.

There has been a serious problem the last several auctions of the auction lasting way too long, often past midnight. In order to speed the auction along this year, the auctioneer along with the sponsoring clubs have decided there will be no *Chinese* bidding. All items must have a minimum bid, and if there are no bids, the item will be put aside for the seller. Of course, items may *not* be returned to the auction block with a lower minimum bid a second time.

We ask that all items be marked before you bring them to the auction with the following information:

- **Description of item.**
- **Condition.**
- **Callsign/name of seller.**
- **Minimum bid.**

Bring your goodies and your wallet!

SILENT KEY

Morgan D. Booth, KA2IES
January 24, 1984

RaRa Officers, Directors and Coordinators

Officers

President: Rich Bishopp, KD2UBJ	(585) 766-5631	president@rochesterham.org	**Treasurer** Brian O'Connor, KA2CGB	(585) 721-2346	treasurer@rochesterham.org
Vice-President: Tim Barrett, K9VB	(646)496-5015	vicepresi-dent@rochesterham.org	**Secretary**: Mike Moore, KC2NM	(585) 721-0011	secretary@rochesterham.org

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Digital Communications Association of Perinton (DCAP)
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Drumlins Amateur Radio Club Ltd. (DARC)
drumlinsarc@gmail.com

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Keuka Lake Amateur Radio Association (KLARA)
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Monroe County ARES / RACES
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Orleans County Amateur Radio Club (OCARC)
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Rochester Radio Repeater Association (RRRA)
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Rochester VHF Group (RVHFG)
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Skenoh Island Amateur Radio Club (SIARC)
Steve Benton, WB2VMR: sbenton2@rochester.rr.com

XRX Amateur Radio Club
Brian Donovan, K2AS: k2as@outlook.com

Rochester Makerspace
David Duckles: rocmakers@gmail.com

December RAG Deadline
November 15, 2024

RARA meets on the first Wednesday of each month.

November Meeting is In Person Only
Annual Auction

Members selling items may arrive at 6:15 PM to set up.

Members not selling items may arrive at 6:30 PM to view items for sale.

Auction starts at 7:00PM

Contact Webmaster@rochesterham.org for Support

Rochester Area Repeater Listing

The RaRa Rag

Published by
Rochester Amateur Radio Association, Inc.
P.O. Box 93333, Rochester, NY, 14692-8333
Hotline – (585) 210- 8910
Website – http://www.rochesterham.org

Auction Item Description							
seller's callsign	**make and model**					**reserve price**	
description							
condition: (circle one) as new | recently tested OK | operational when retired | unknown | repairable | for parts							
Description and condition information presented by the seller is assumed to be complete and accurate. All sales are on an as-is where-is basis. Cash settlement only. All sales are final.				**buyer's callsign**		**sales price**	
interested bidders: attach your token below							

Auction Item Description							
seller's callsign	**make and model**					**reserve price**	
description							
condition: (circle one) as new | recently tested OK | operational when retired | unknown | repairable | for parts							
Description and condition information presented by the seller is assumed to be complete and accurate. All sales are on an as-is where-is basis. Cash settlement only. All sales are final.				**buyer's callsign**		**sales price**	
interested bidders: attach your token below							